

Figure 1

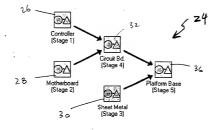


Fig. 2

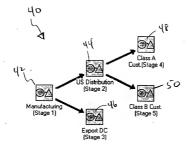


Fig. 3

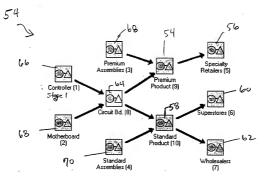


Fig. 4

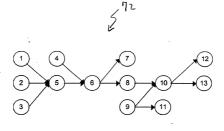


Fig. 5

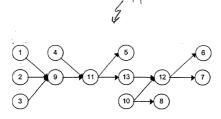


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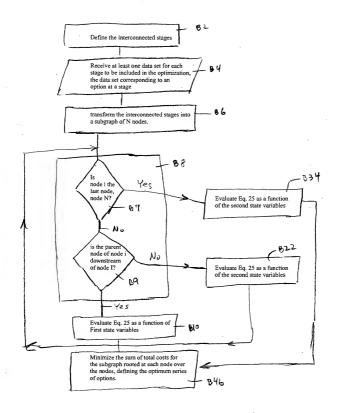


Fig. Ta

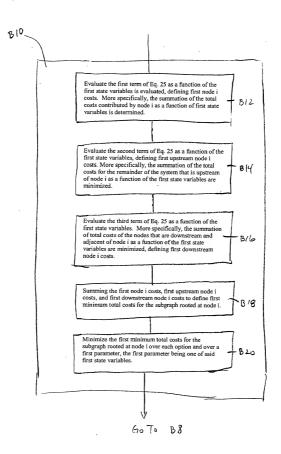


Fig. 76

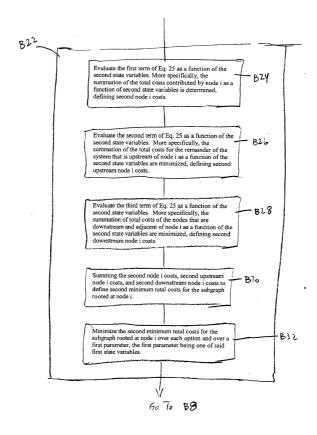


Fig. 7c

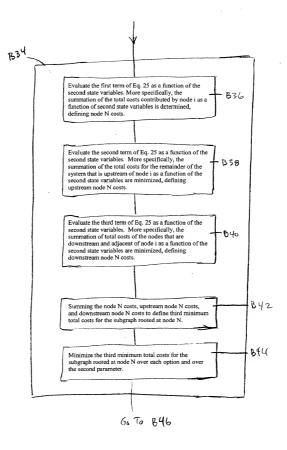


Fig. 72

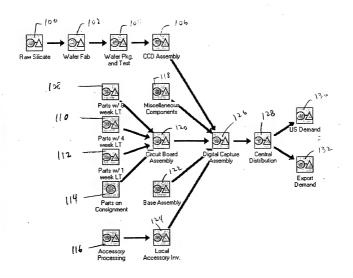


Fig. 8

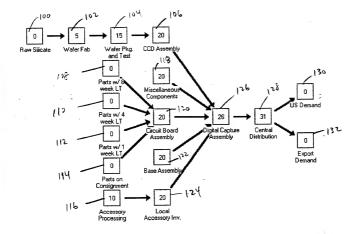


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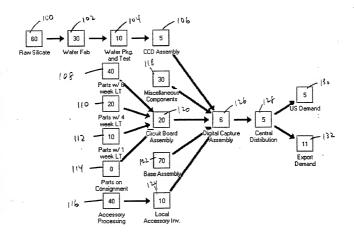


Fig. 10

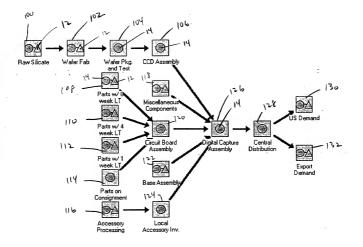


Fig. 11

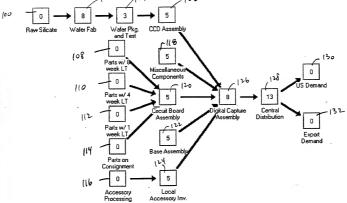


Fig. 12

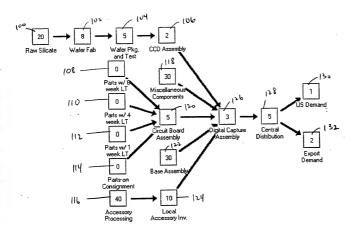


Fig. 13

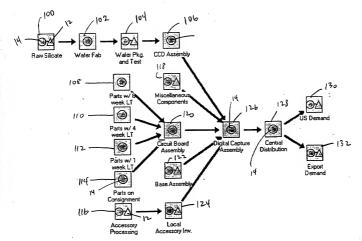


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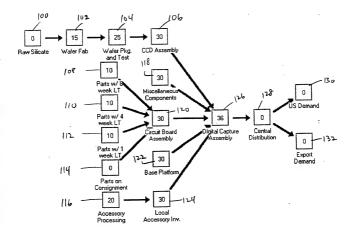


Figure 15

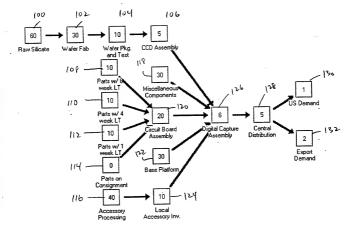


Figure 16

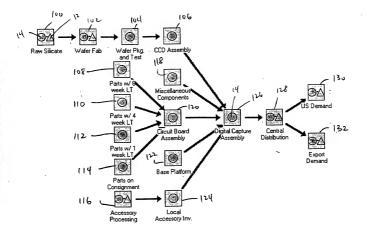


Figure 17

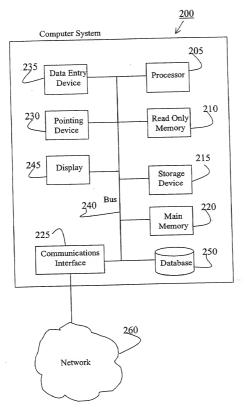


Fig. 18

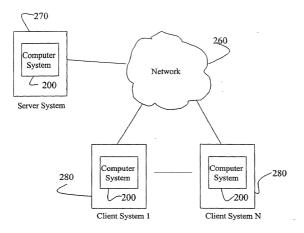
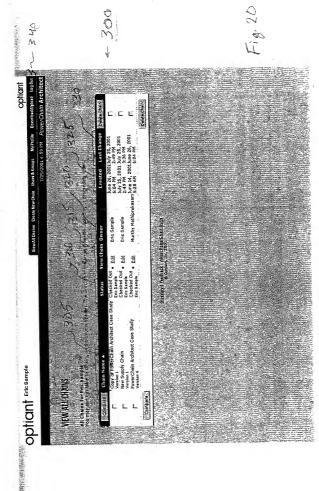
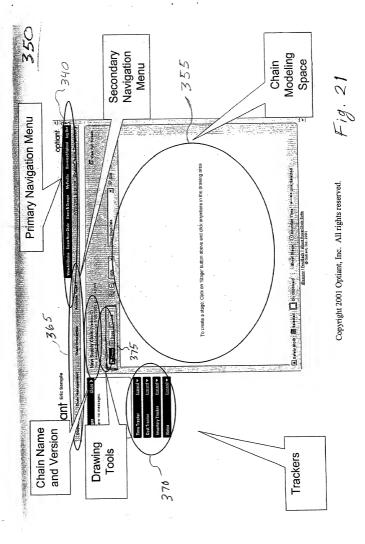
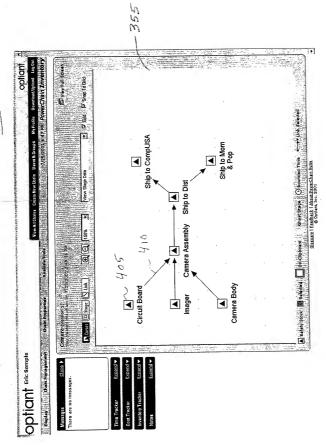


Fig. 19

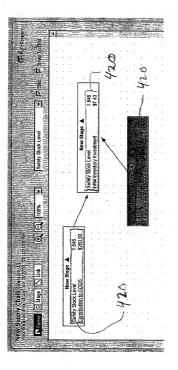


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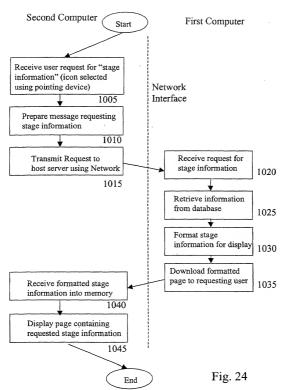




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| <u></u>  | Display<br>New Supply                                   | Massages                                   | There are 3-steps<br>Stage Name A | New Stage | New Stade      |   |                      |  |

- The Stage Report is accessed by going to <u>Display</u> | <u>Stage Report</u>
  - The Link Report is accessed by going to <u>Display | Link Report</u>
- · Allows rapid entry of stage information and rapid deletion of stages and links respectively

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## 889 Optimization best option selects the option during consider this optimization Glose Save View/Edt View/Edit Whether to Details Currently Include in Optimization? otes/Description Information Options Summary Tab and Last Creation Change Holding Cost Rate PowerChain Architect: New Supply Chain - Microsoft Internet Explorer Total Option Cost option cost of Tota/ the Total Option Time (in days) time of the Options Detail Total lead Stage Name: Distribution option Option Name New Option Air Ship Click to options more add Name of Option

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## Classify the Include Stage in Time Calculations? @ Yes C No Include Stage in Cost Calculations? @ Yes C No View Stage Permissions Specify whether the stage Include Stage in Optimization? Stage Class: None Specified Stage Properties Summary Tab tage Notes/Description: owerChain Architect: New Supply Chain - Microsoft Internet Explorer \$260,00 1.00 \$0,33 \$0.20 \$2.64 1,64 2,64 \$0.53 Option Report ns shown are base on the currently ion. Time Longest Pa/h Through Stage (in days) Options Summary Options Detail Stage Name: Distribution Demand rsal Time (in days) Pipeline Stock Level (in units) Safety Stock Level (in units) Total Inventory Investment Total Stock Level (in units) Service Contribution to COGS Pipeline Stock Cost Safety Stock Cost Cumulative Cost Total Stock Cost Summary Stage Trd All calcul selecte

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E.g. 28

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Metrics

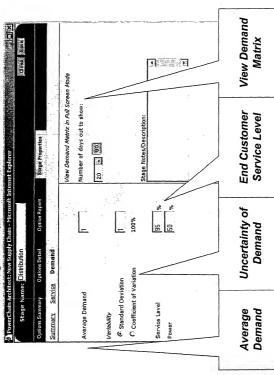
Metrics

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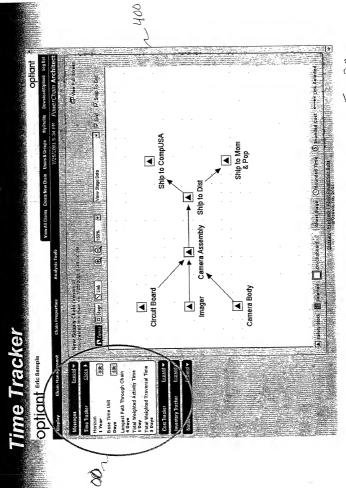
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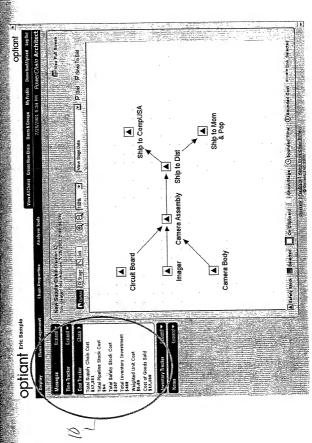
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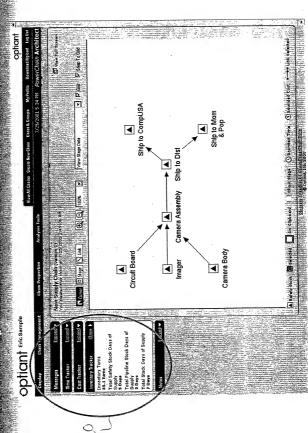
F.g. 30

## **Cost Tracker**



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## Inventory Tracker



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| COMPARE CH  | AINS                      |                                 |                   |                                 |          |                    |  |                       |                                   |  |               |                         |                          |                       | 10 Sec 1 275 88 597       | 1  |     |     |
| Name<br>Stoc  | Total<br>Safety<br>k Cost | Total<br>Pipeline<br>Stock Cost | Tota<br>Stock Cos | I Tot<br>it Invento<br>Investme | al Cos   | t of goods<br>sold | Total forth Total foot Lost of goods total supply Weighted Total Total Cyte base Horzon Number Stafety Phieline Stock Cost Investment sold Chain Cost Unit Cost Stock Investment Total Total Cyte Total Cost Total Cyte Total Cost Total Cyte Total Cost Total Cyte Total Cost Total Cyte Cyte Total Cyte Cyte Total Cyte Cyte Total Cyte Cyte Cyte Cyte Cyte Cyte Cyte Cyte | Weighted<br>Unit Cost | Total<br>Safety<br>Stock<br>Level | Total<br>Inventory<br>Turns            | Cycle<br>Time | Base H<br>Finne<br>Unit | orizon N<br>Time<br>Unit | umber<br>of<br>Stages | nin                       | نے | . ( |     |
|   | ,005.14                   | \$594,601.68                    | *758,606.8        | 2 \$2,427,674.                  | £11,     | 672,712.00         | \$104,005.14 \$594,601.60 \$750,606.02 \$2,427,674.61 \$17,672,712.00 \$10,601,310.02 \$3,617.36 410.87  | \$3,617.96            | 410.87                            | 7.36                                   | 120 dãy       | děy                     | year                     | 1.1                   | )                         | ,  | Q   | • } |
| Case Study<br>PowerChain \$137,511.21 \$427,612.86 \$565,124.07 \$1,921,746.91 \$17,946,012.00 \$18,413,136.07 \$3,512.96 402.30<br>Architect | ,511.21                   | \$427,612,86                    | \$565,124.0       | 17 \$1,921,746.                 | 91 \$17, | ,848,012,00        | \$18,413,136.07  | \$3,612.96            | 402.30                            |  | 9.29 113 day  | day                     | Year                     | 21<br>/               | , Q                       |    |     |     |
| Case Study  |                           | , and a                         |                   | <b>o</b> l                      | 1        | Finbick (Ab        | sir Psarichin si<br>c. 2001  |                       |                                   |  |               | -                       | 7                        |                       |                           | ^  |     |     |

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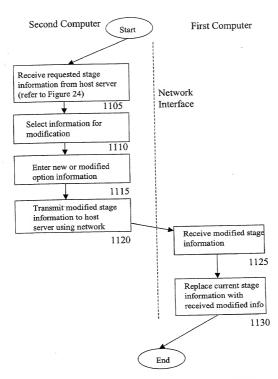
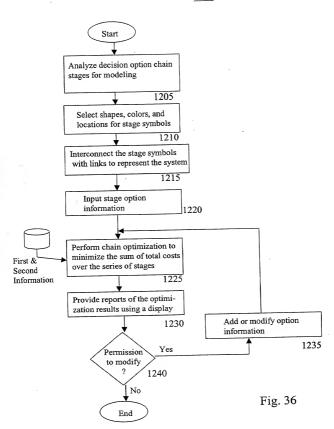


Fig. 35



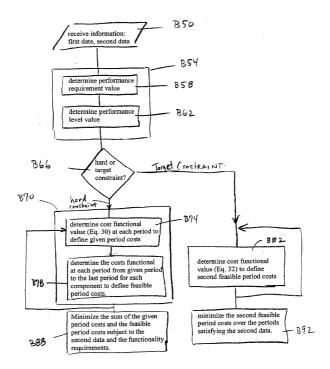


Figure 37

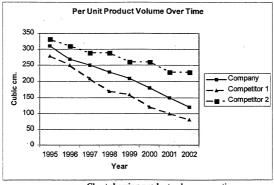


Fig. 38 Chart showing product volumes over time

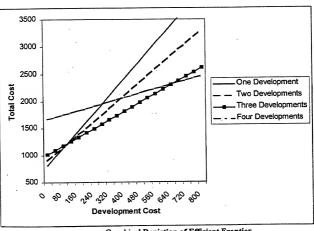


Fig. 39: Graphical Depiction of Efficient Frontier